

CLAIMS

1. An error messaging method for a communication system where a wireless client terminal (10) communicates with a server (30) through an intermediate device (20), **characterized by the steps of:**

receiving, at the intermediate device (20), a first Hypertext Transfer Protocol (HTTP) status code from the server (30), the first status code being an error status code;

transforming, at the intermediate device, the first status code into an error description message comprising an error description text (24) and a second HTTP status code; and

transmitting the error description message to the client terminal (10).

2. The method of claim 1, **characterized by** the further step of enforcing display of the error description text (24) at the client terminal (10) by means of the second status code.

3. The method of claim 1 or 2, **characterized in that** the transforming step in turn comprises extracting the error description message from an error information table (22) in response to input parameter information including the first status code.

4. The method of claim 3, **characterized in that** the input parameter information further includes a Uniform Resource Locator (URL) portion pointing to the server (30) and in that the extracted error description message is resource-location dependent.

5. The method of any of previous claims, **characterized in that** the transmitting step is performed by the intermediate device (20).

6. The method of any of previous claims, **characterized in that** the intermediate device (20) is selected from the group of an HTTP proxy and a Wireless Application Protocol (WAP) gateway.

7. The method of any of previous claims, **characterized in that** the server (30) is a Multimedia Messaging Service (MMS) center.

8. The method of claim 7, **characterized in that** the error description steps
5 are initiated by a client request for a first MMS message and in that the error description message comprises a second MMS message.

9. The method of any of previous claims, **characterized in that** the error description text is displayed at the client terminal (10) by means of a language
10 selected from the group of the Wireless Markup Language (WML) and the Hypertext Markup Language (HTML).

10. A proxy server (20) arranged between a wireless client terminal (10) and a server (30) in a communication system, **characterized by** error messaging
15 means comprising:

means for receiving a first HTTP status code from the server (30), the first status code being an error status code;

means for transforming the first status code into an error description message comprising an error description text (24) and a second HTTP status
20 code; and

means for transmitting the error description message to the client terminal (10).

11. The proxy of claim 10, **characterized in that** the second status code is
25 configured so as to enforce display of the error description text (24) at the client terminal (10).

12. The proxy of claim 10 or 11, **characterized in that** the means for transforming in turn comprises means for extracting the error description
30 message from an error information table (22) in response to input parameter information including the first status code.

13. The proxy of claim 12, **characterized in that** the input parameter information further includes a URL portion pointing to the server (30) and in that the extracted error description message is resource-location dependent.

5 14. The proxy of any of claims 10-13, ~~characterized by~~ being selected from the group of an HTTP proxy and a WAP gateway.

15. The proxy of any of claims 10-14, ~~characterized by~~ communicating with a MMS center.

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16. The proxy of claim 15, **characterized in that** the error description message comprises a MMS message.

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17. The proxy of any of claims 10-16, **characterized in that** the error description text is displayed at the client terminal (10) by means of a language selected from the group of WML and HTML.

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18. Error messaging means arranged in a MMS center (30) communicating with a wireless client terminal (10) through a proxy server (20), **characterized by:**

means for detecting an error related to an HTTP request from the client terminal (10);

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means for generating an error description message comprising an HTTP status code for success and a MMS message (24) with an error description text based on the detected error; and

means for transmitting the error description message to the client terminal (10) through the proxy (20).